

Application No. 10/581,185
Amdt. Dated March 7, 2011
Responsive to Office action of October 5, 2010

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 through 15 (Canceled)

Claim 16 (New): A heatable glass pane having a base edge and a side edge, said heatable glass pane consisting essentially of

two contact bus bars for connection to voltage source poles of different polarity, and
a set of heating wires which are in electrical contact and in physical contact with said two contact bus bars,

wherein said heating wires have essentially the same lengths, and

wherein said bus bars are located parallel to and adjacent to said base edge of the heatable glass pane and said bus bars are arranged essentially in a line in their axial directions, spaced apart a short distance from one another.

Claim 17 (New) The heatable glass pane claimed in claim 16 wherein

said heating wires are laid without any points of overlap in relation to one another, and
wherein

said heating wires comprise an outermost heating wire which makes contacts with said contact bus bars at their outer ends, facing away from one another, and wherein

said heating wires further comprise a plurality of inner heating wires, and wherein said inner heating wires are laid out so that they have at least one compensation loop.

Claim 18 (New) The heatable glass pane claimed in claim 17 wherein

said heating wires are laid so that they have a common, main macroscopic laying direction, wherein

said at least one compensation loop is produced by at least two changes in direction of the laying direction, and wherein

said heating wires, after each change in direction, extend essentially in the opposite direction and parallel to the laying direction before the change in direction.

Claim 19 (New) The heatable glass pane claimed in claim 18, wherein

said heating wires have straight laid sections between the changes in direction, and wherein

said straight laid sections are essentially parallel to said side edge of said glass pane adjacent to said base edge of said glass pane.

Claim 20 (New) A heatable glass pane having a base edge and consisting essentially of

two contact bus bars for connection to voltage source poles of different polarity and
a set of heating wires which are in electrical contact and in physical contact with said two contact bus bars,

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wherein said heating wires have essentially the same lengths,
wherein said bus bars are arranged essentially in a line in their axial directions, spaced apart a short distance from one another, and
wherein said heating wires are laid without any points of overlap in relation to one another.

Claim 21 (New) The heatable glass pane claimed in claim 20 wherein

said heating wires comprise an outermost heating wire which makes contacts with said contact bus bars at their outer ends, facing away from one another, and wherein

said heating wires further comprise a plurality of inner heating wires, and wherein said inner heating wires are laid out so that they have at least one compensation loop.